

10/597528

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/074565 A3

(51) International Patent Classification:
G08C 19/00 (2006.01) H03M 11/00 (2006.01)
H04L 17/02 (2006.01) G09G 5/00 (2006.01)

(74) Agents: MARQUIS, Thomas, R. et al.; Darby & Darby
P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(21) International Application Number:
PCT/US2005/002843

(22) International Filing Date: 1 February 2005 (01.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/541,466 2 February 2004 (02.02.2004) US

(71) Applicant (for all designated States except US): COM-
CHOICE CORP. [US/US]; 2201 Park Place, Suite 100,
El Segundo, CA 90245 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

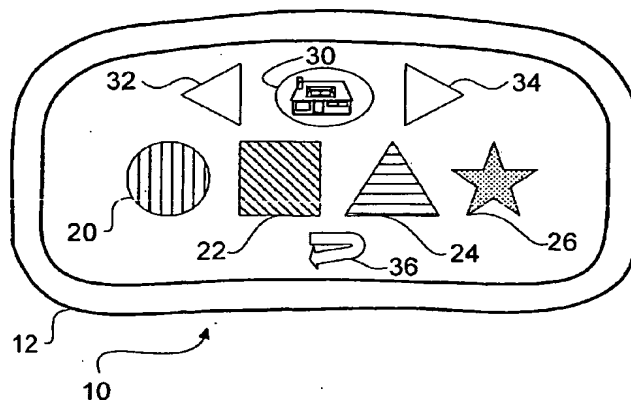
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and
(75) Inventors/Applicants (for US only): PITTARD,
William, B. [US/US]; 2942 Motor Avenue, Los Angeles,
CA 90064-4529 (US). CERNETIC, Scott [US/US]; 2513
Harriman Lane, No.3, Redondo Beach, CA 90278 (US).
WAIN, Duncan [US/US]; 3904 Via Cardelina, Palos
Verdes Estates, CA 90274 (US).

Published:
— with international search report

[Continued on next page]

(54) Title: SIMPLIFIED CONTROL SYSTEM FOR ELECTRONIC MEDIA



(57) Abstract: A control system with a simplified control device (10) for direct selection of electronic media operations, and for programmed navigation through the content without using dedicated navigation functions of a media player. The simplified control device (10) includes a limited number of keys, comprising direct-select keys (20-26) and navigation keys (30-36), which transmit programmable number key signals rather than dedicated key signals. Direct-select keys (20-26) are visually associated with icons displayed by the media player by shape, color, and/or the like. The icons are dynamically associated with portions of content and/or software instructions stored on a medium, such as a DVD. Activating a direct-select key (20-26) cause the media player to access the associated content and/or instructions. The simplified remote control device (10) also includes navigation keys (30-36) associated with software instructions stored on the DVD, so that navigation operations are consistent for any media player that reads from the DVD. Dedicated keys can also be included.

WO 2005/074565 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

1 June 2006